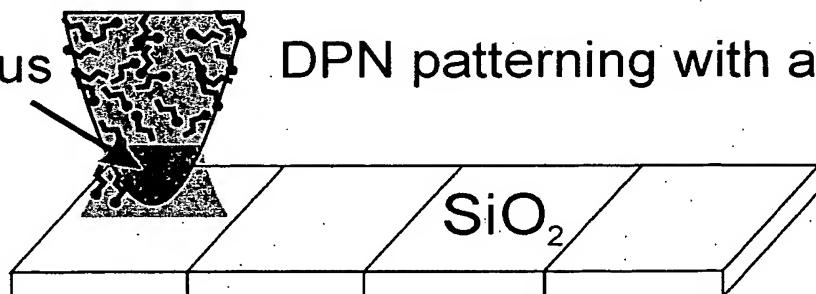




Figure 1a

Water meniscus



DPN patterning with a "sol"

Figure 1b

BaFe precursor molecules

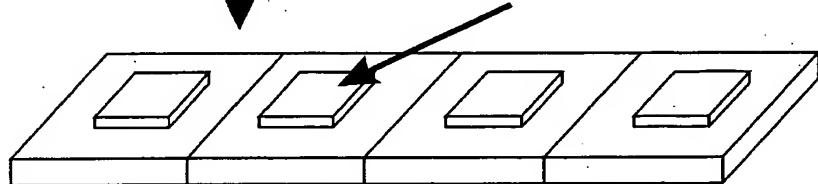
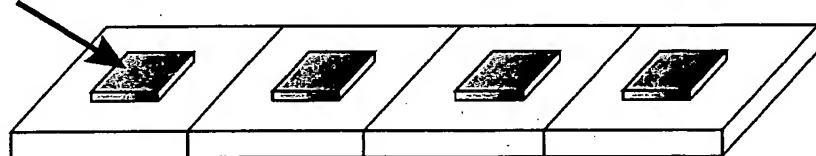
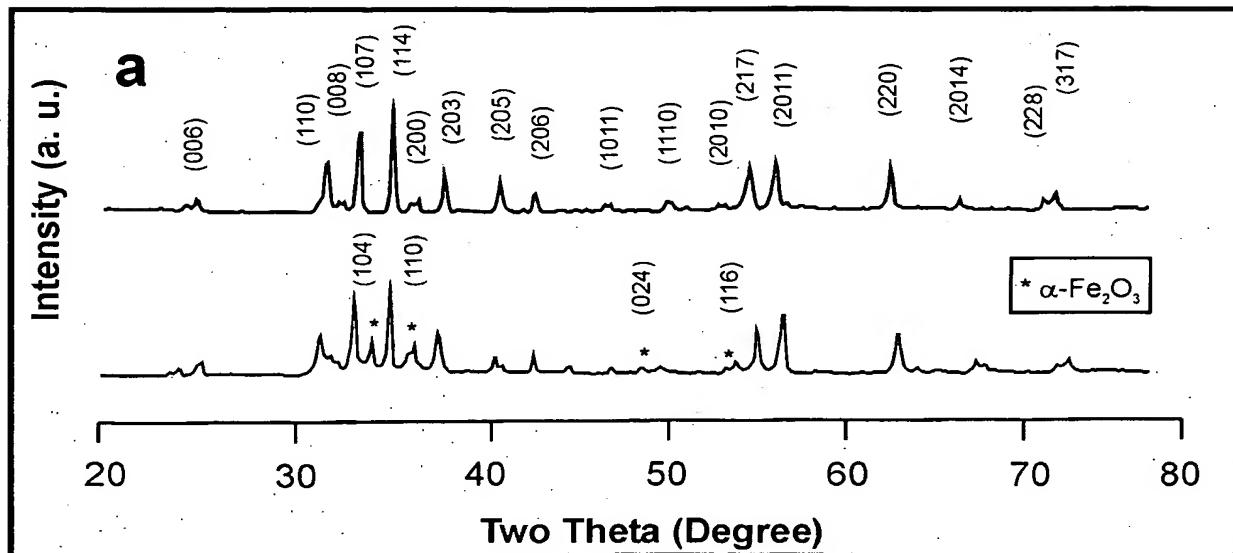
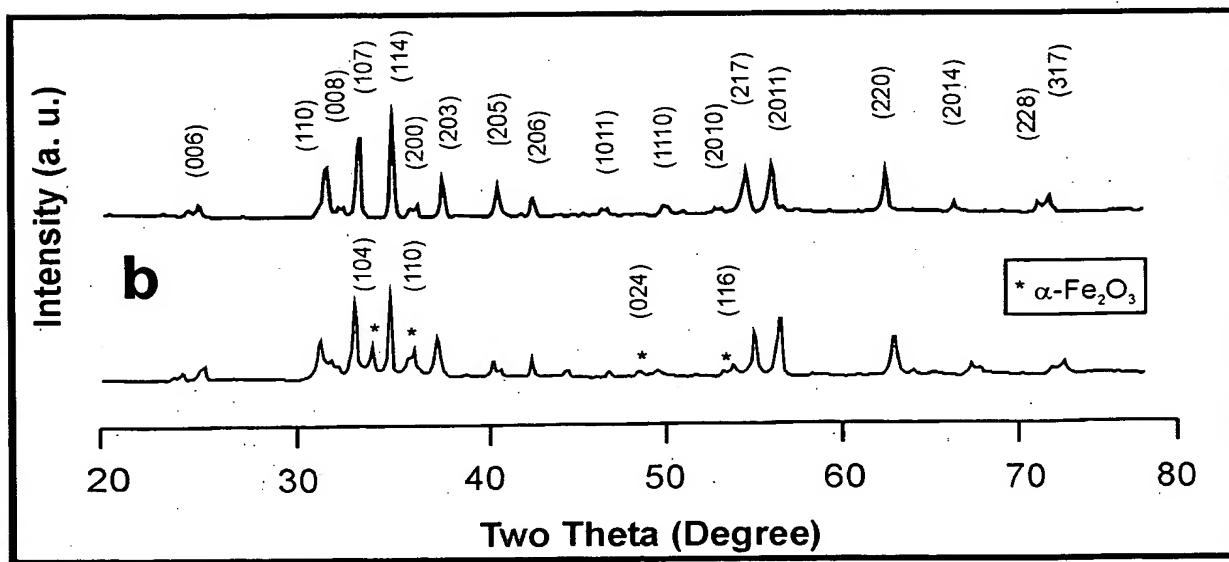


Figure 1c

BaFe particles

1) Preheated at 450°C for 4h
2) Annealed at 950°C for 2h



**Figure 2a****Figure 2b**

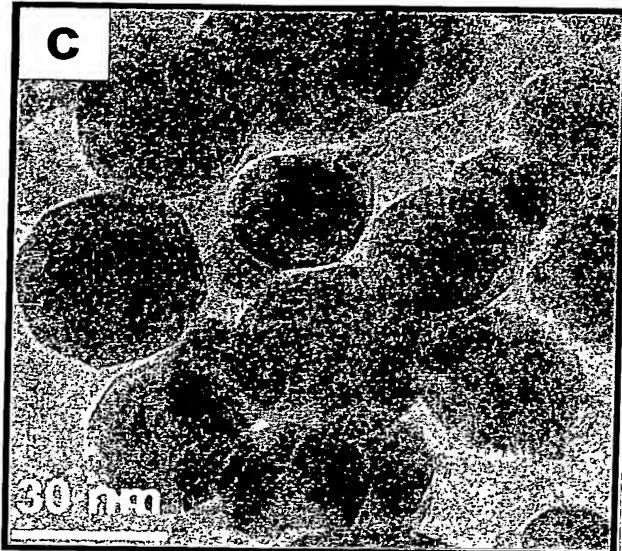


Figure 2c

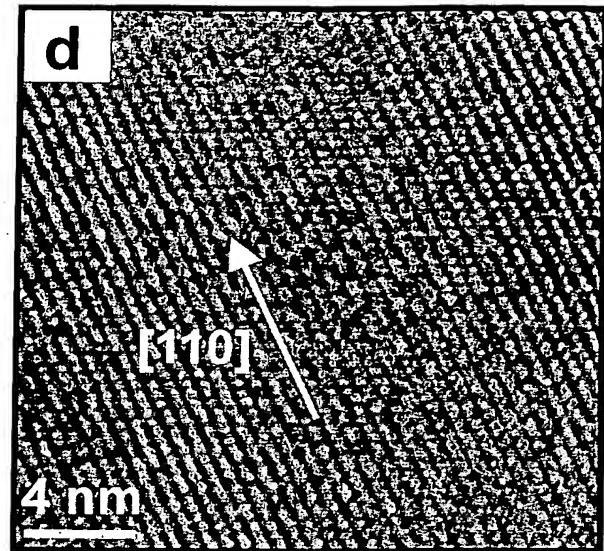


Figure 2d

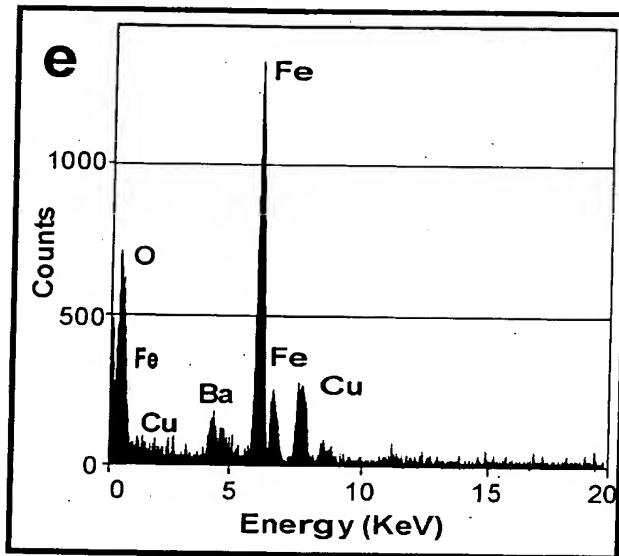


Figure 2e

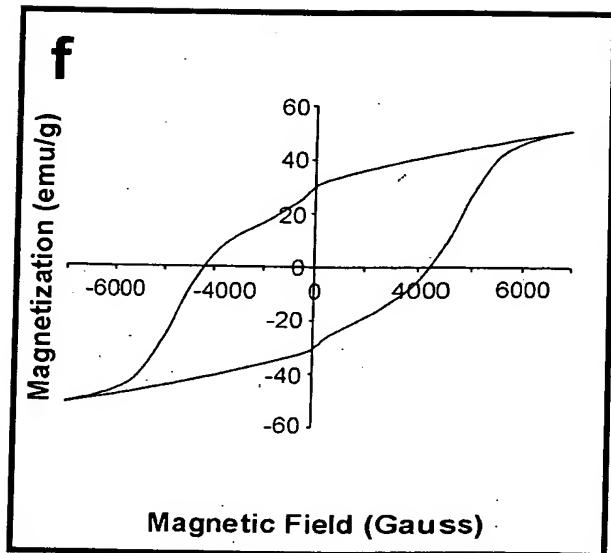


Figure 2f

REPLACEMENT SHEET

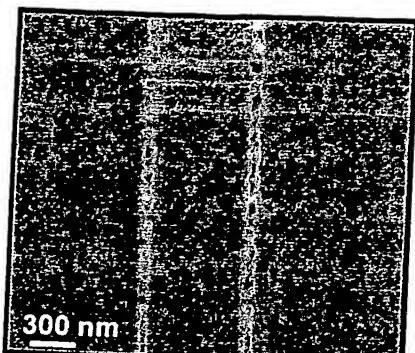


Figure 3a

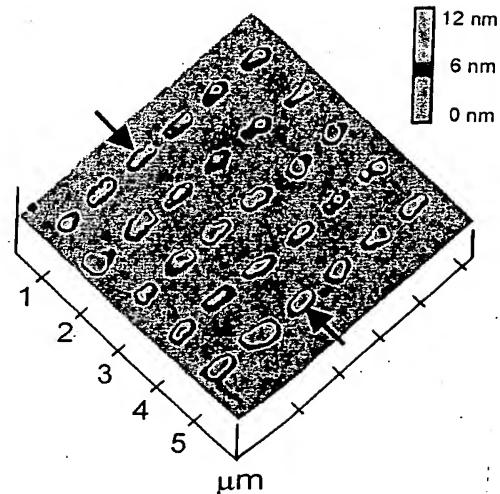


Figure 3b

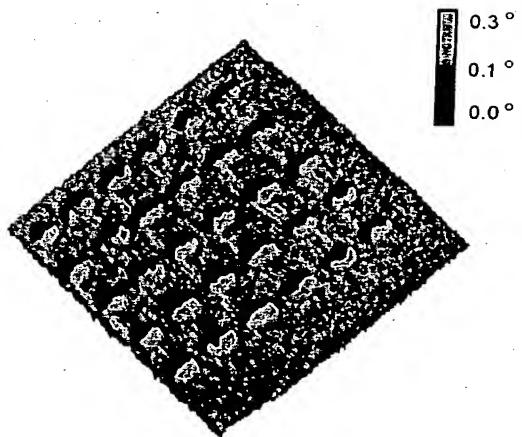


Figure 3c

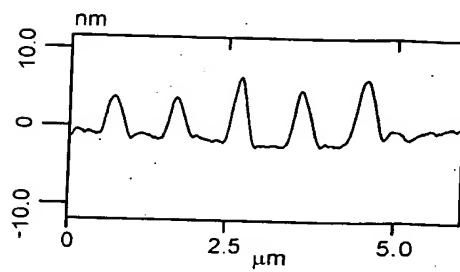


Figure 3d

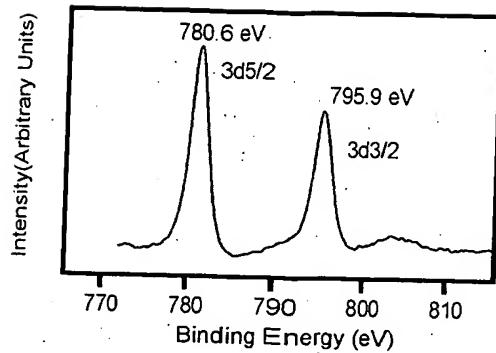


Figure 3e

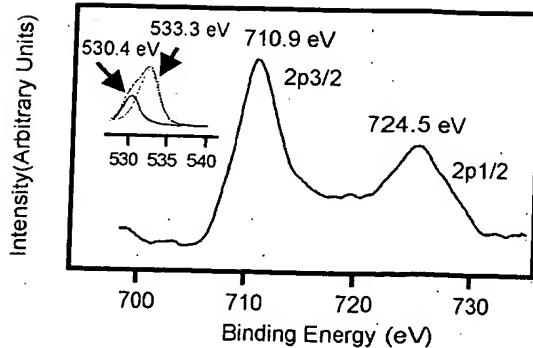
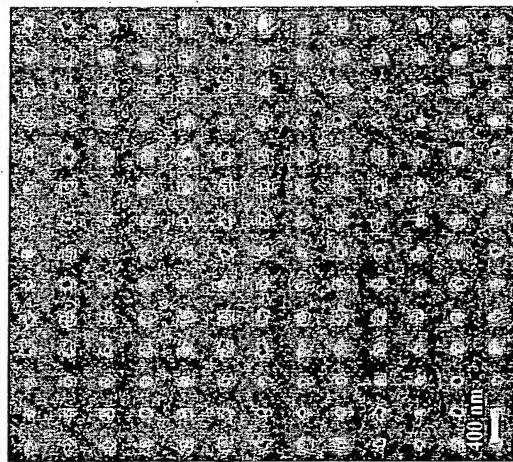


Figure 3f

REPLACEMENT SHEET



AFM image of DPN patterning of Manganese Ferrite Nanostructures

Figure 4